

FIG. 2

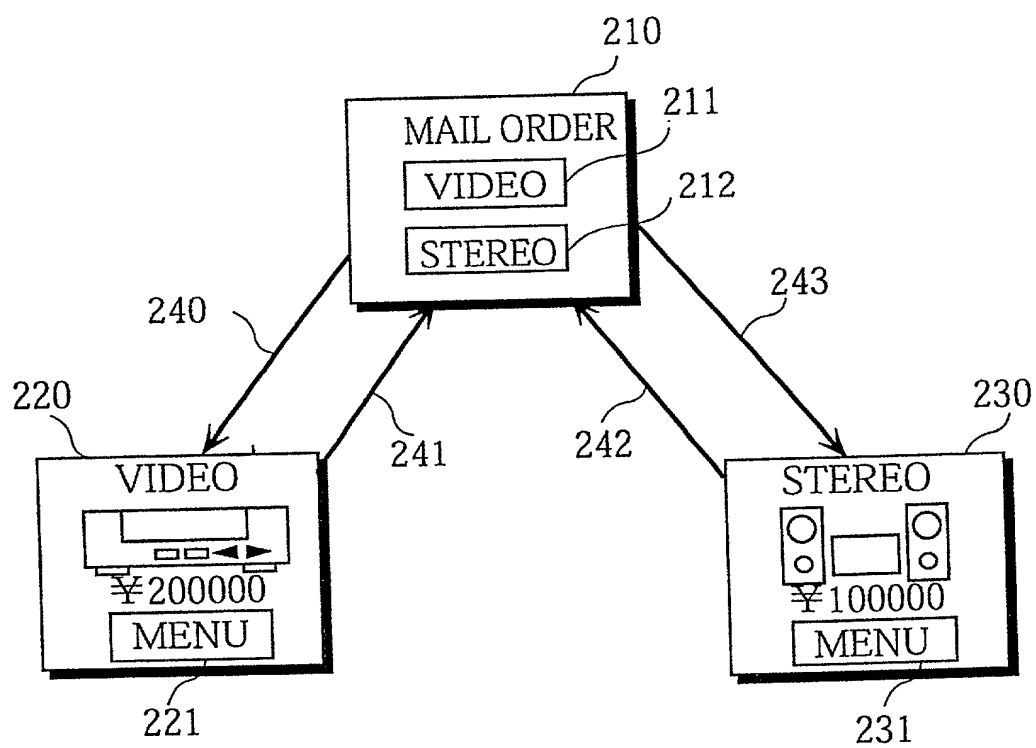


FIG. 3

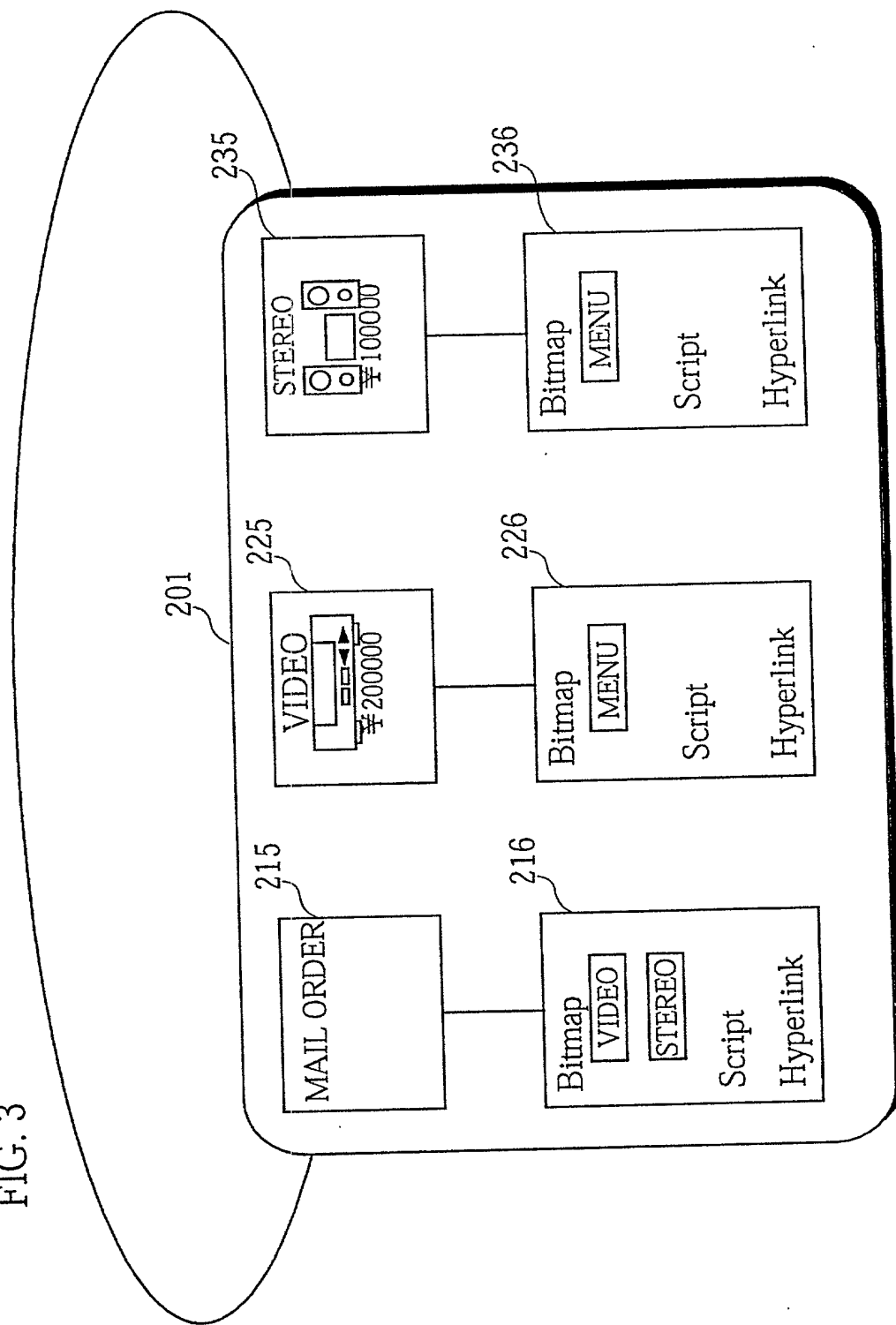
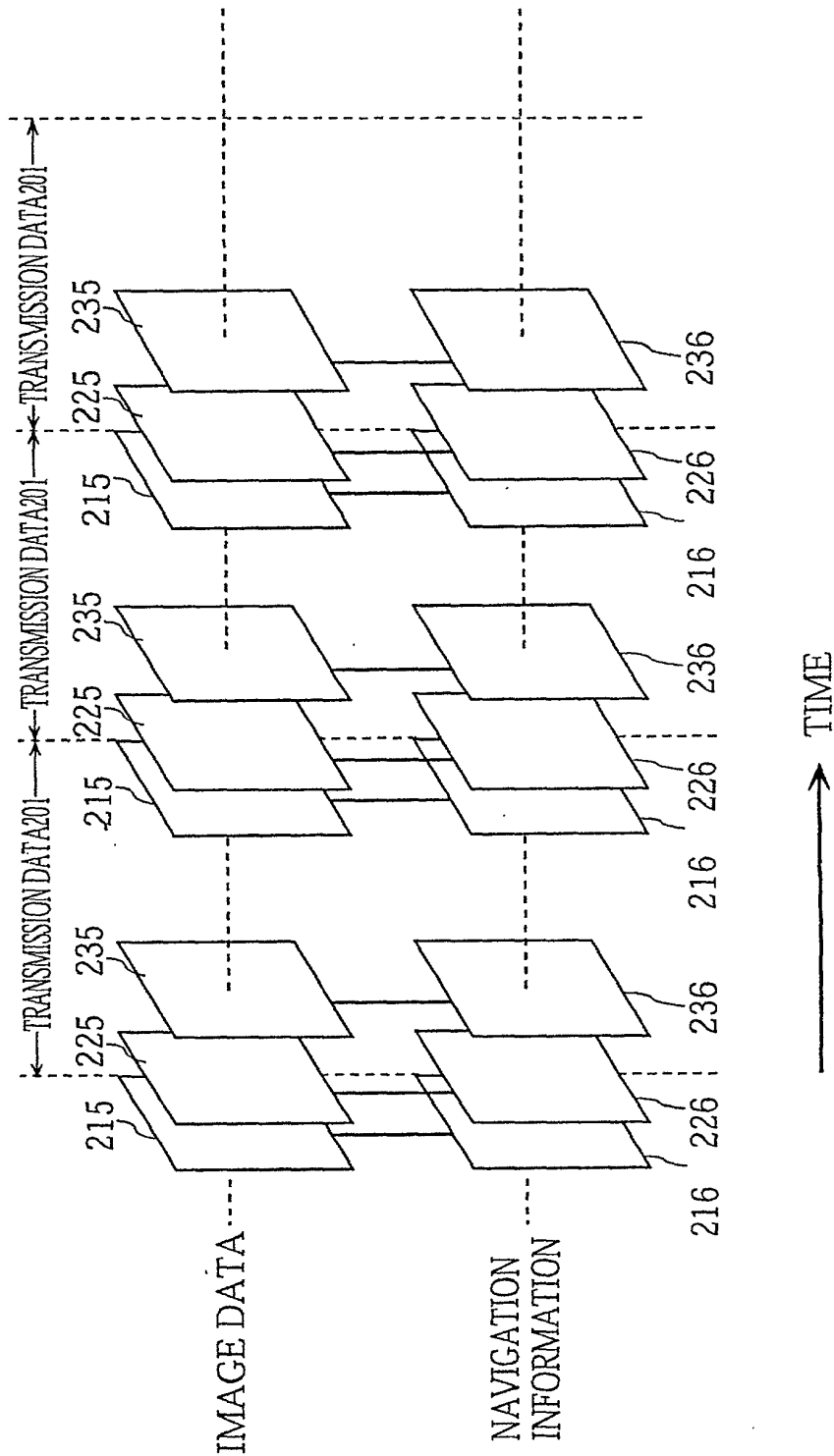


FIG. 4



[illegible]

FIG. 6

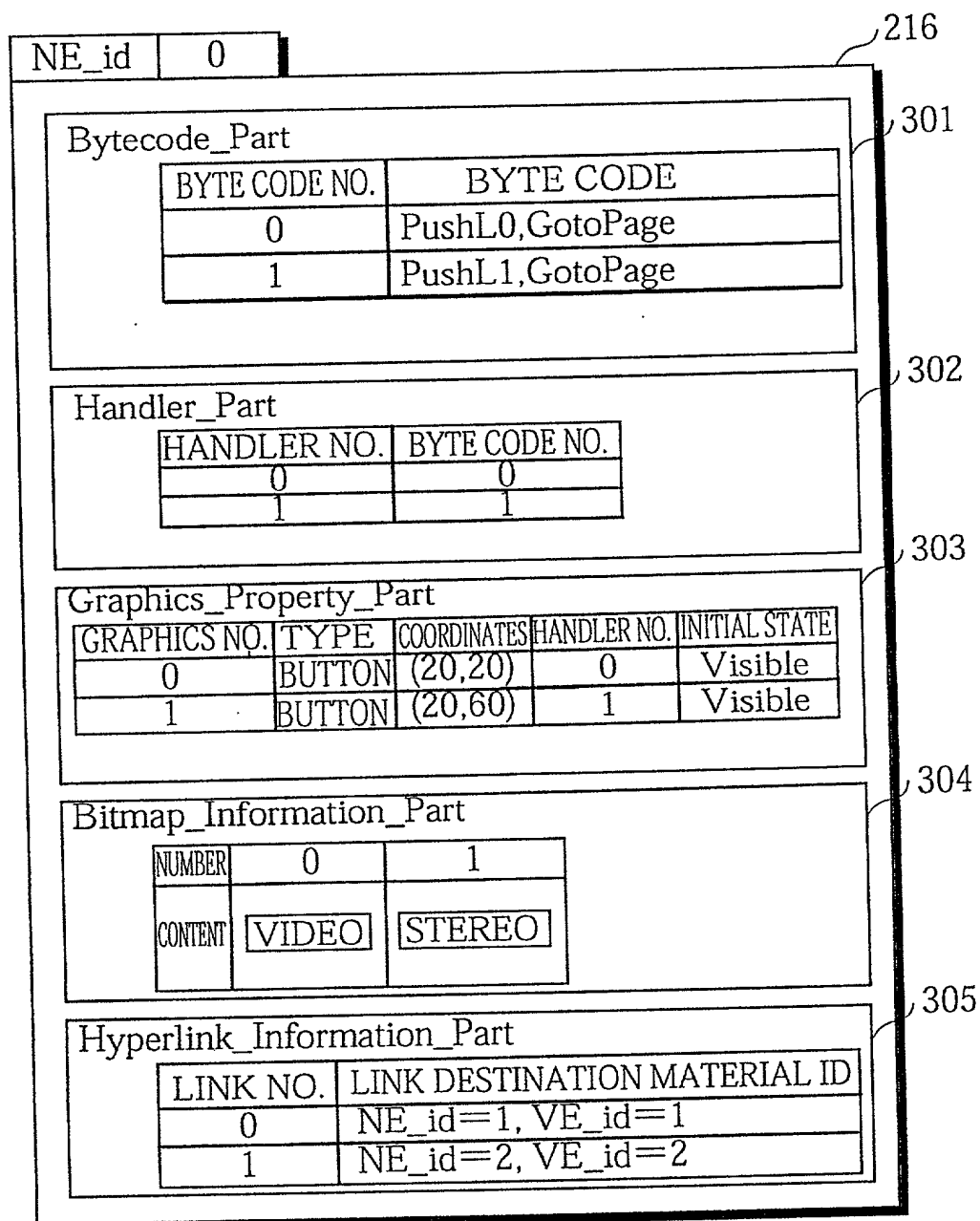


FIG. 7

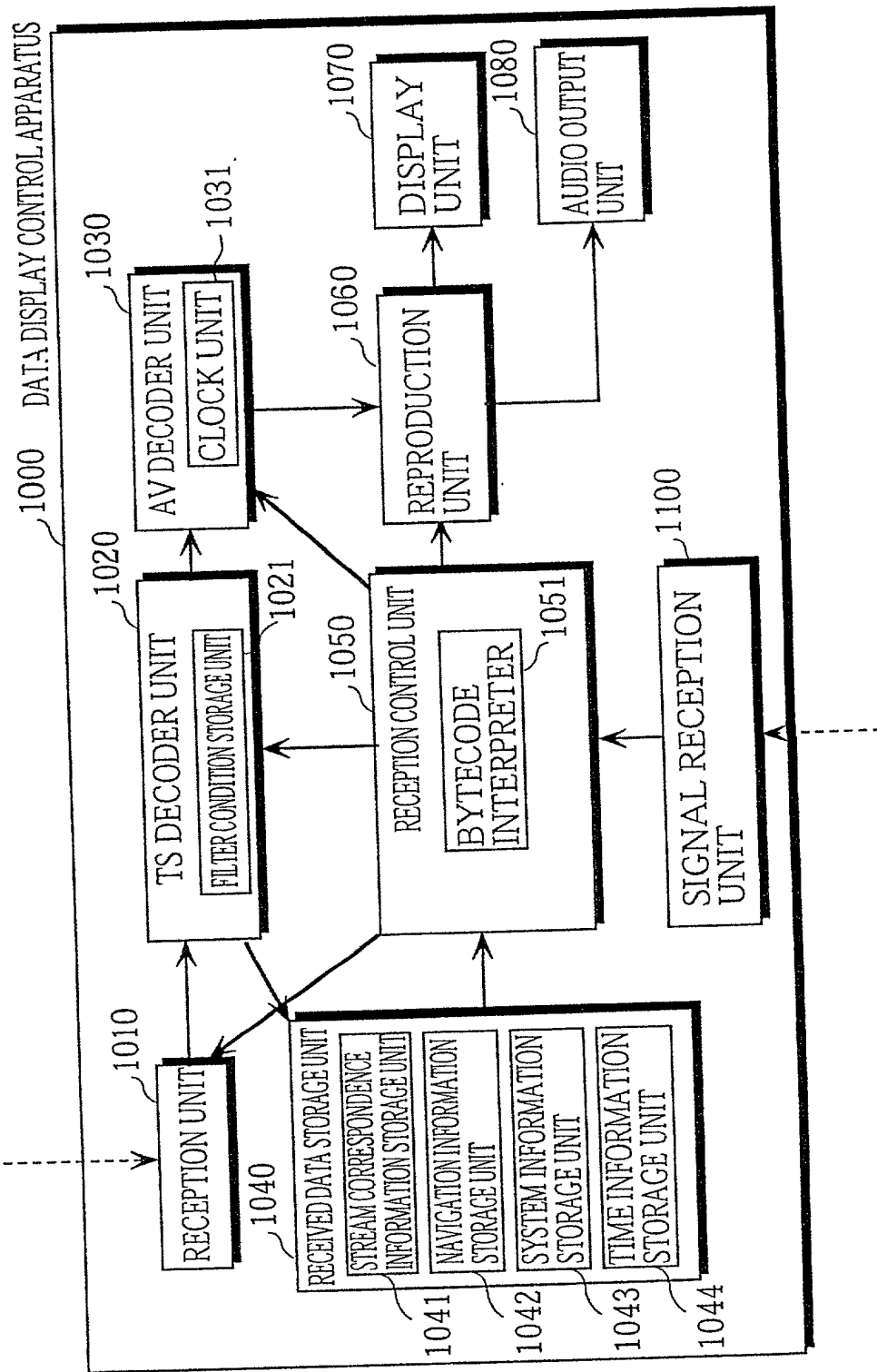


FIG. 8

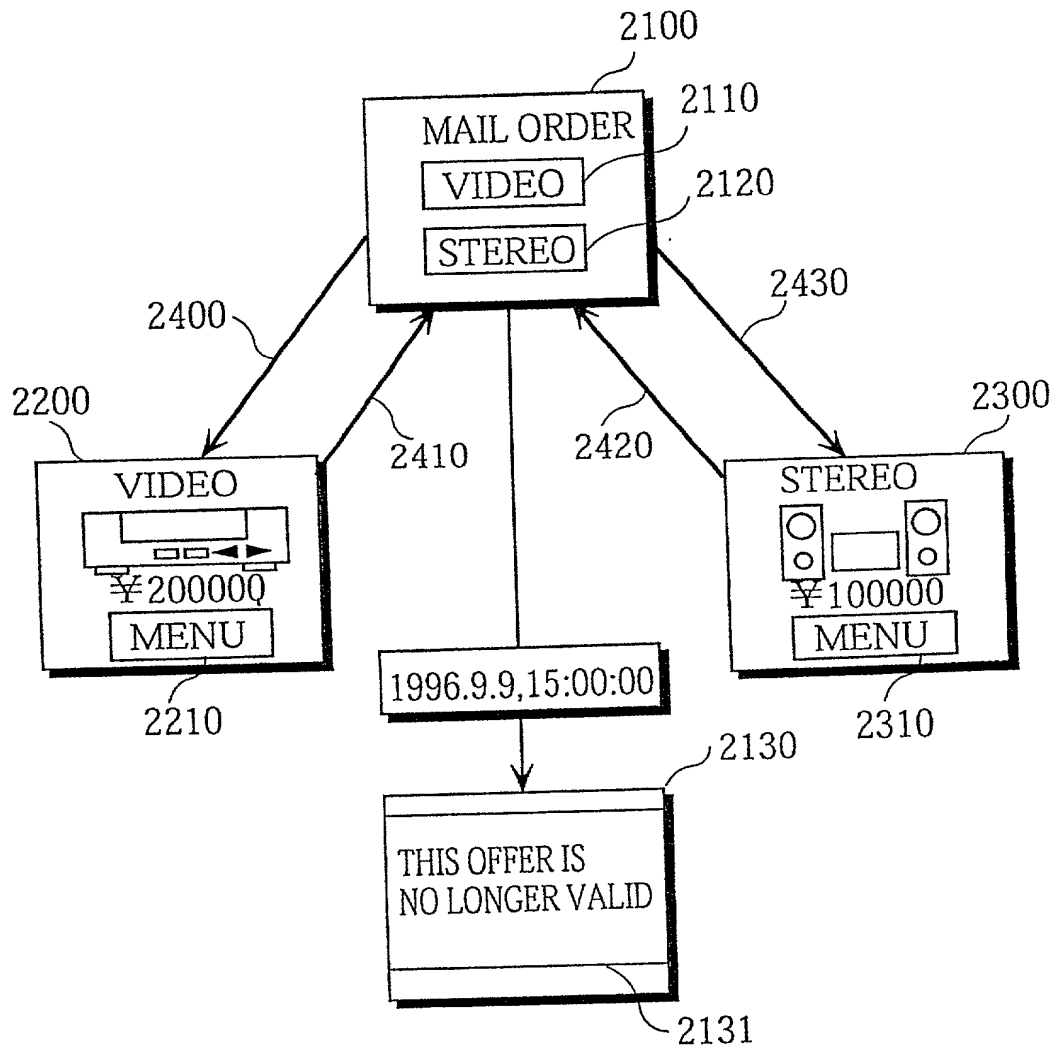


FIG. 9

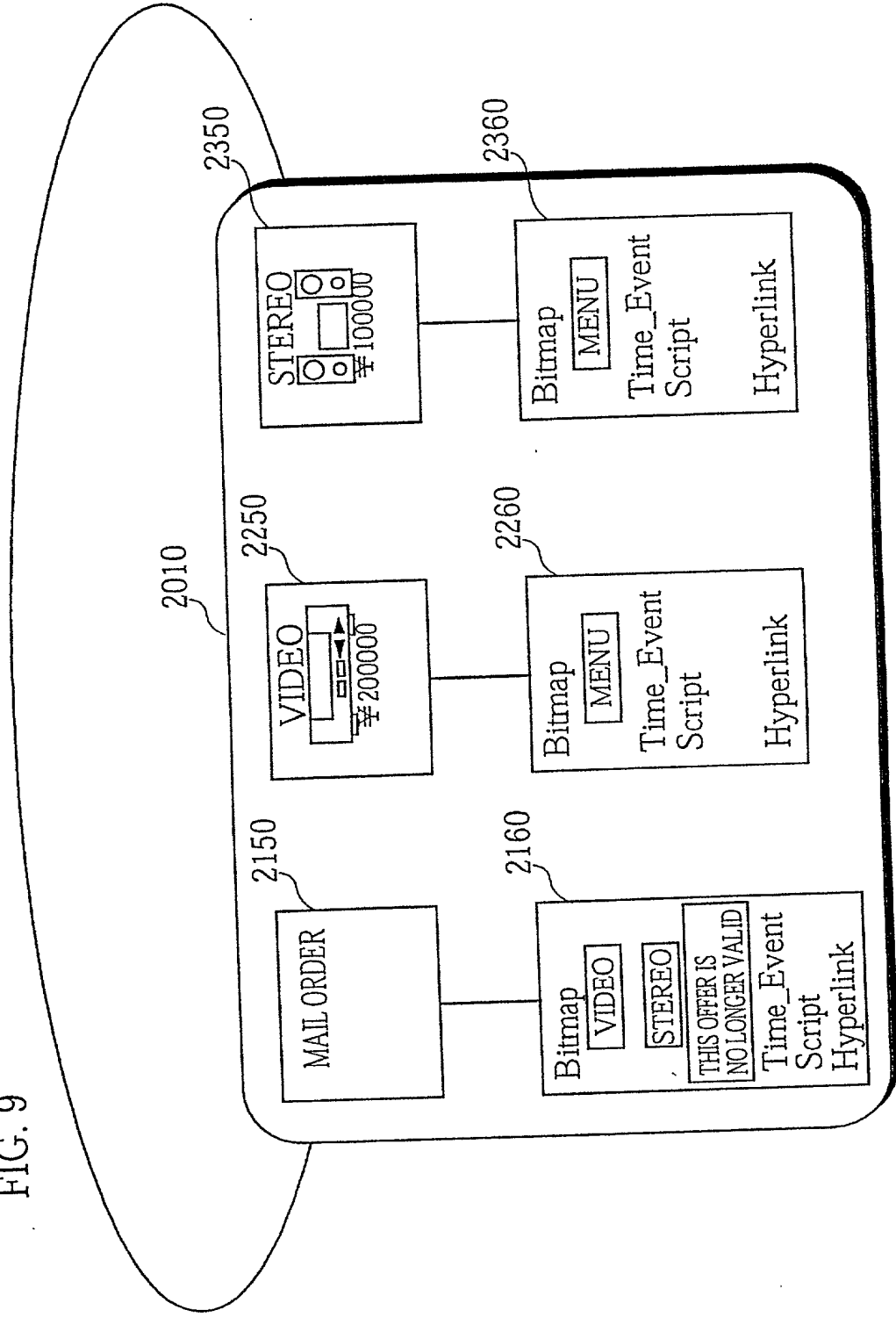


FIG. 11

NE_id

0

Time_Event_Part

ACTIVATE TIME

HANDLER NO.

1996.9.9,15 : 00 : 00

2

Bytecode_Part

BYTECODE NO.	BYTECODE
0	PushL0,GotoPage
1	PushL1,GotoPage
2	PushL2,PushL1,SetGraphicVisibility, PushL0,PushL0,SetGraphicVisibility, PushL1,PushL0,SetGraphicVisibility

Handler_Part

HANDLER NO.	BYTECODE NO.
0	0
1	1
2	2

Graphics_Property_Part

GRAPHICS NO.	TYPE	COORDINATES	HANDLER NO.	INITIAL STATE
0	BUTTON	(20,20)	0	Visible
1	BUTTON	(20,60)	1	Visible
2	BUTTON	(0,20)	NONE	Invisible

Bitmap_Information_Part

NUMBER	0	1	2
CONTENT	VIDEO	STEREO	THIS OFFER IS NO LONGER VALID

Hyperlink_Information_Part

LINK NO.	LINK DESTINATION MATERIAL ID
0	NE_id=1, VE_id=1
1	NE_id=2, VE_id=2

FIG. 12

NE_id	1				2260										
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Time_Event_Part</div> <div style="text-align: center; padding: 20px 0;">NOT WRITTEN</div>					2261										
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Bytecode_Part</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 30%;">BYTECODE NO.</th> <th>BYTECODE</th> </tr> <tr> <td style="text-align: center;">0</td> <td>PushL0,GotoPage</td> </tr> </table>					BYTECODE NO.	BYTECODE	0	PushL0,GotoPage	2262						
BYTECODE NO.	BYTECODE														
0	PushL0,GotoPage														
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Handler_Part</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 30%;">HANDLER NO.</th> <th>BYTECODE NO.</th> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> </table>					HANDLER NO.	BYTECODE NO.	0	0	2263						
HANDLER NO.	BYTECODE NO.														
0	0														
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Graphics_Property_Part</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 15%;">GRAPHICS NO.</th> <th style="width: 15%;">TYPE</th> <th style="width: 15%;">COORDINATES</th> <th style="width: 15%;">HANDLER NO.</th> <th>INITIAL STATE</th> </tr> <tr> <td style="text-align: center;">0</td> <td style="text-align: center;">BUTTON</td> <td style="text-align: center;">(20,60)</td> <td style="text-align: center;">0</td> <td>Visible</td> </tr> </table>					GRAPHICS NO.	TYPE	COORDINATES	HANDLER NO.	INITIAL STATE	0	BUTTON	(20,60)	0	Visible	2264
GRAPHICS NO.	TYPE	COORDINATES	HANDLER NO.	INITIAL STATE											
0	BUTTON	(20,60)	0	Visible											
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Bitmap_Information_Part</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">NUMBER</td> <td style="text-align: center;">0</td> </tr> <tr> <td>CONTENT</td> <td style="border: 1px solid black; text-align: center;">MENU</td> </tr> </table>					NUMBER	0	CONTENT	MENU	2265						
NUMBER	0														
CONTENT	MENU														
<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Hyperlink_Information_Part</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 20%;">LINK NO.</th> <th>LINK DESTINATION MATERIAL ID</th> </tr> <tr> <td style="text-align: center;">0</td> <td>NE_id=0, VE_id=0</td> </tr> </table>					LINK NO.	LINK DESTINATION MATERIAL ID	0	NE_id=0, VE_id=0	2266						
LINK NO.	LINK DESTINATION MATERIAL ID														
0	NE_id=0, VE_id=0														

FIG. 13

NE_id	2
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Time_Event_Part

NOT WRITTEN

Bytecode_Part

BYTECODE NO.	BYTECODE
0	PushL0,GotoPage

Handler_Part

HANDLER NO.	BYTECODE NO.
0	0

Graphics_Property_Part

GRAPHICS NO.	TYPE	COORDINATES	HANDLER NO.	INITIAL STATE
0	BUTTON	(20,60)	0	Visible

Bitmap_Information_Part

NUMBER	0
CONTENT	MENU

Hyperlink_Information_Part

LINK NO.	LINK DESTINATION MATERIAL ID
0	NE_id=0, VE_id=0

FIG. 14

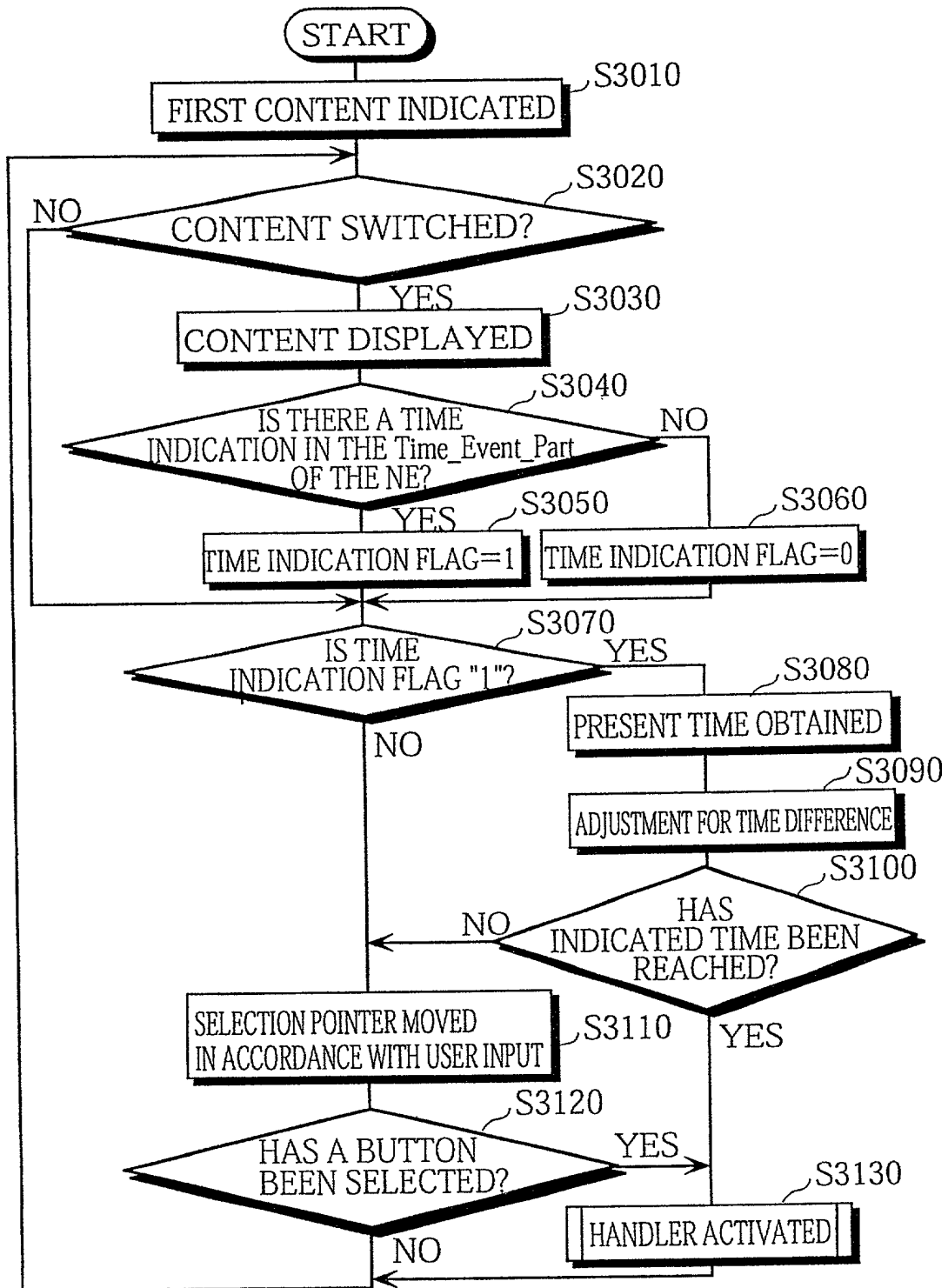


FIG. 15

	TIME	DISPLAY SCREEN
3210	1996.9.9 14 : 57 : 00	MAIL ORDER VIDEO STEREO
3220	1996.9.9 14 : 58 : 00	VIDEO ¥200000 MENU
3230	1996.9.9 14 : 59 : 00	MAIL ORDER VIDEO STEREO
3240	1996.9.9 15 : 00 : 00	THIS OFFER IS NO LONGER VALID

FIG. 16A

TDT

<p>PRESENT TIME</p> <p>(1996:09:09:14:57:00)</p>	4010
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FIG. 16B

TOT

PRESENT TIME(1996:09:09:14:57:00)		4020
COUNTRY ID CODE (U.K.)	TIME DIFFERENCE (+ 00:00:00)	
COUNTRY ID CODE (JAPAN)	TIME DIFFERENCE (+ 09:00:00)	
⋮	⋮	

FIG. 17

NE_id	0				
Time_Event_Part					
NOT WRITTEN					
Bytecode_Part					
BYTECODE NO.		BYTECODE			
0		PushL0,GotoPage			
1		PushL1,GotoPage			
2		PushL2,PushL1,SetGraphicVisibility, PushL0,PushL0,SetGraphicVisibility, PushL1,PushL0,SetGraphicVisibility			
Handler_Part					
HANDLER NO.	SUBHANDLER NO.	VALID PERIOD	SUBHANDLER NO.	BYTECODE NO.	
0	0	~1996.9.9:14:59:59	0	0	
	2	1996.9.9:15:00:00~	1	1	
1	1	~1996.9.9:14:59:59	2	2	
	2	1996.9.9:15:00:00~			
Graphics_Property_Part					
GRAPHICS NO.	TYPE	COORDINATES	HANDLER NO.	INITIAL STATE	
0	BUTTON	(20,20)	0	Visible	
1	BUTTON	(20,60)	1	Visible	
2	BUTTON	(0,20)	NONE	Invisible	
Bitmap_Information_Part					
NUMBER	0	1	2		
CONTENT	VIDEO	STEREO	THIS OFFER IS NO LONGER VALID		
Hyperlink_Information_Part					
LINK NO.	LINK DESTINATION MATERIAL ID				
0	NE_id=1, VE_id=1				
1	NE_id=2, VE_id=2				

FIG. 18

NE_id	1				2270
Time_Event_Part					2271
NOT WRITTEN					
Bytecode_Part					2272
		BYTECODE NO.	BYTECODE		
		0	PushL0,GotoPage		
Handler_Part					2273
HANDLER NO.	SUBHANDLER NO.	VALID PERIOD	SUBHANDLER NO.	BYTECODE NO.	
0	0	—	0	0	
Graphics_Property_Part					2274
GRAPHICS NO.	TYPE	COORDINATES	HANDLER NO.	INITIAL STATE	
0	BUTTON	(20,60)	0	Visible	
Bitmap_Information_Part					2275
NUMBER	0				
CONTENT	MENU				
Hyperlink_Information_Part					2276
LINK NO.	LINK DESTINATION MATERIAL ID				
0	NE_id=0, VE_id=0				

FIG. 19

NE_id	2
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Time_Event_Part

NOT WRITTEN

Bytecode_Part

BYTECODE NO.	BYTECODE
0	PushL0,GotoPage

Handler_Part

HANDLER NO.	SUBHANDLER NO.	VALID PERIOD	SUBHANDLER NO.	BYTECODE NO.
0	0	—	0	0

Graphics_Property_Part

GRAPHICS NO.	TYPE	COORDINATES	HANDLER NO.	INITIAL STATE
0	BUTTON	(20,60)	0	Visible

Bitmap_Information_Part

NUMBER	0
CONTENT	MENU

Hyperlink_Information_Part

LINK NO.	LINK DESTINATION MATERIAL ID
0	NE_id=0, VE_id=0

FIG. 20

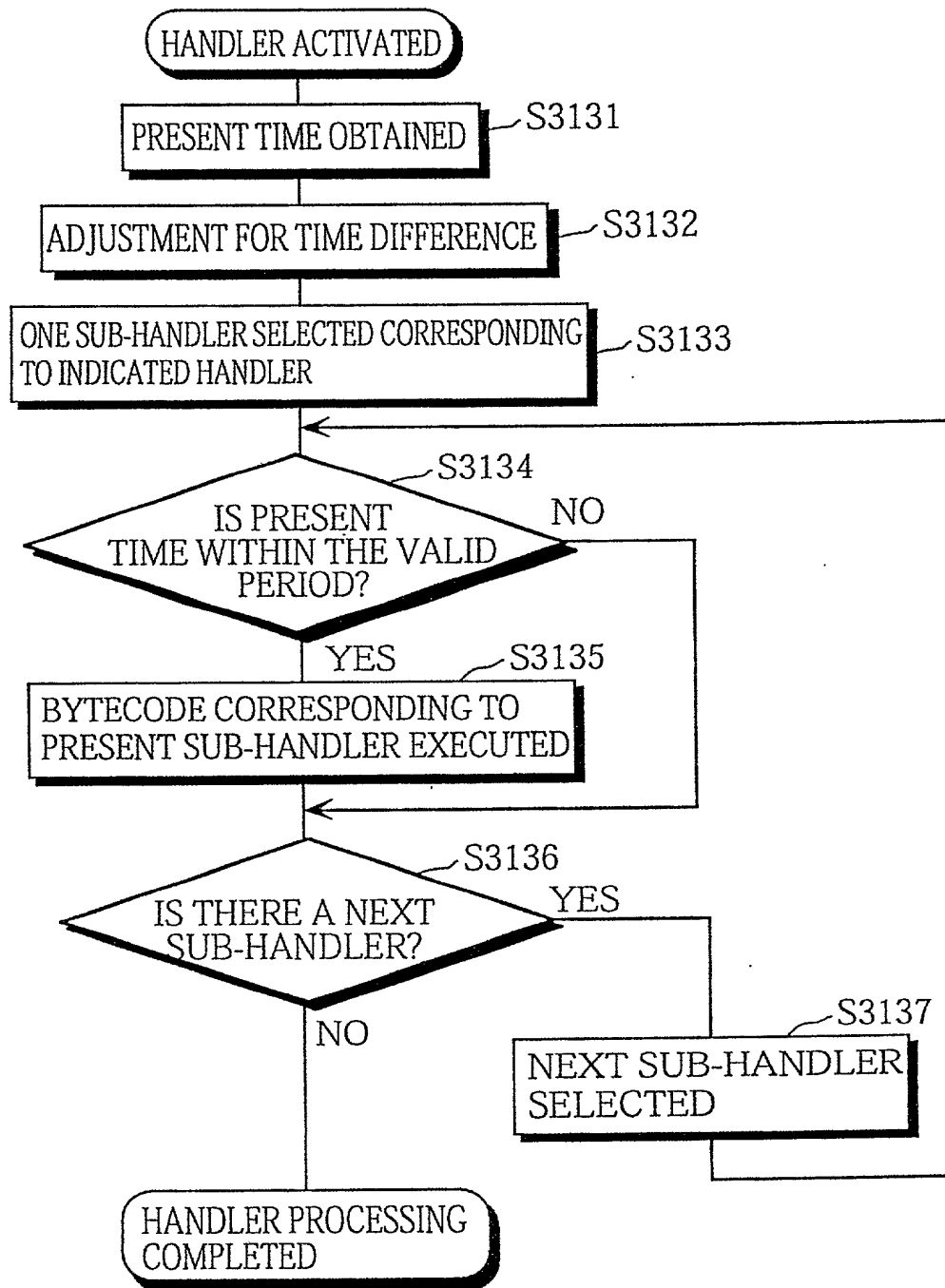


FIG. 21

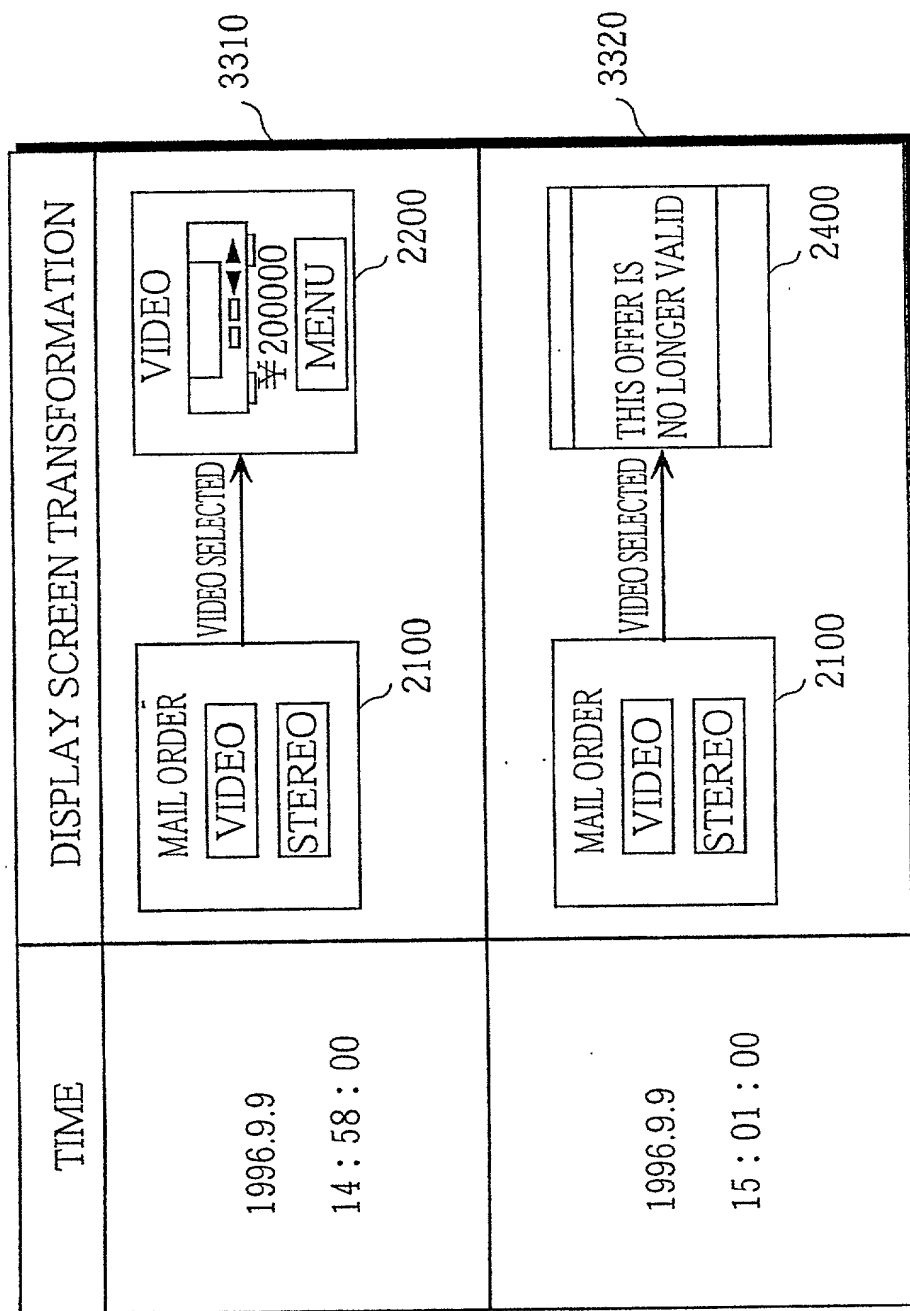


FIG. 22

NE_id	0			
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Time_Event_Part

ACTIVATE TIME	HANDLER NO.	GRAPHICS NO.
1996.9.9,15 : 00 : 00	2	0,1

Bytecode_Part

BYTECODE NO.	BYTECODE
0	PushL0,GotoPage
1	PushL1,GotoPage
2	PushL2,PushL1,SetGraphicVisibility, PushL0,PushL0,SetGraphicVisibility, PushL1,PushL0,SetGraphicVisibility

Handler_Part

HANDLER NO.	BYTECODE NO.
0	0
1	1
2	2

Graphics_Property_Part

GRAPHICS NO.	TYPE	COORDINATES	HANDLER NO.	INITIAL STATE
0	BUTTON	(20,20)	0	Visible
1	BUTTON	(20,60)	1	Visible
2	BUTTON	(0,20)	NONE	Invisible

Bitmap_Information_Part

NUMBER	0	1	2
CONTENT	VIDEO	STEREO	THIS OFFER IS NO LONGER VALID

Hyperlink_Information_Part

LINK NO.	LINK DESTINATION MATERIAL ID
0	NE_id=1, VE_id=1
1	NE_id=2, VE_id=2

FIG. 23

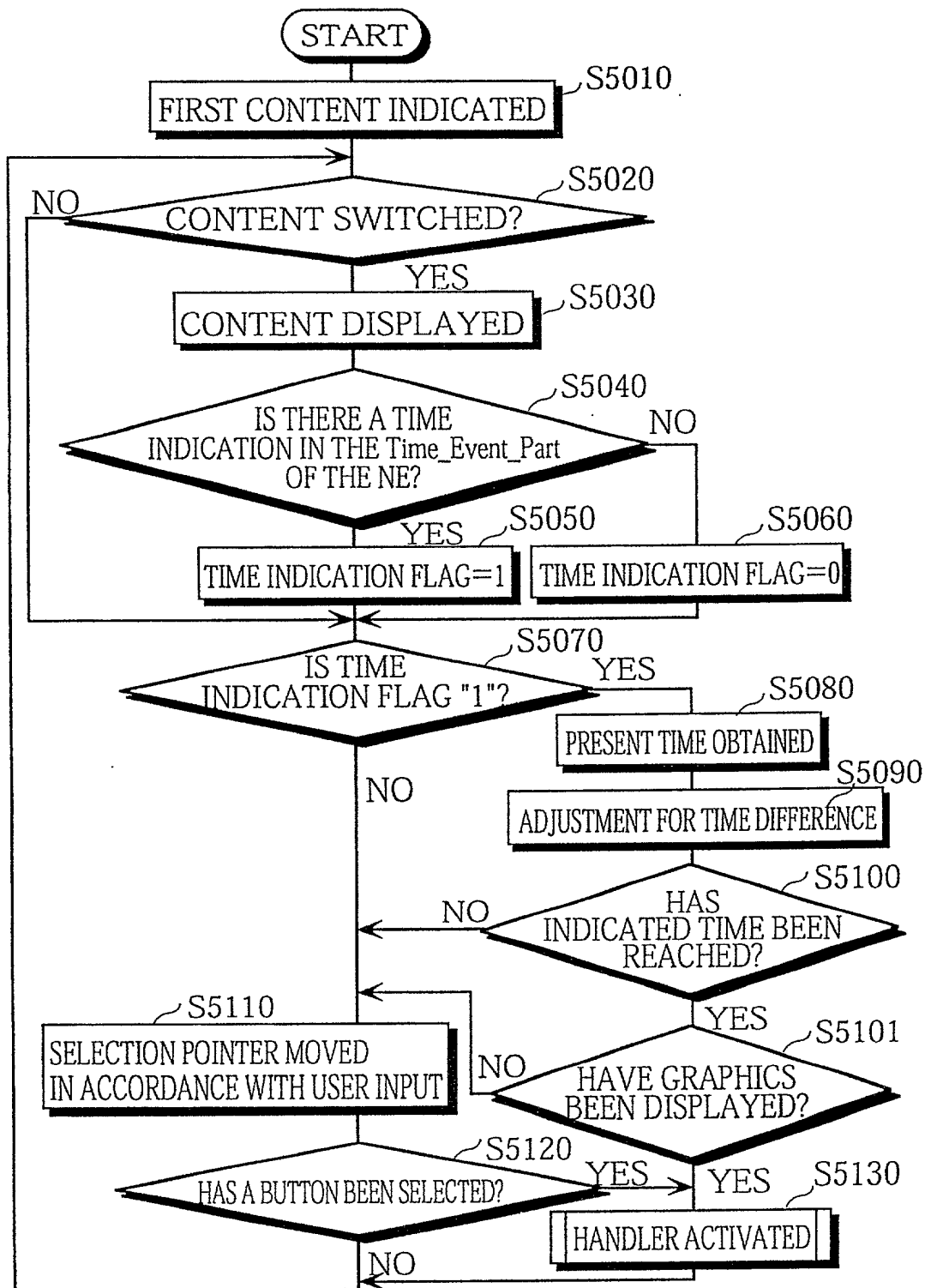


FIG. 24

NE_id	0						6160
Bytecode_Part							6162
		BYTECODE NO.	BYTECODE				
		0	PushL0,GotoPage				
		1	PushL1,GotoPage				
Handler_Part							6163
		HANDLER NO.	BYTECODE NO.				
		0	0				
		1	1				
Graphics_Property_Part							6164
GRAPHICS NO.	TYPE	COORDINATES	HANDLER NO.	INITIAL STATE	TIME	DISPLAY STATE	
0	BUTTON	(20,20)	0	Visible	1996.9.9.15:00:00	Invisible	
1	BUTTON	(20,60)	1	Visible	1996.9.9.15:00:00	Invisible	
2	BUTTON	(0,20)	NONE	Invisible	1996.9.9.15:00:00	Visible	
Bitmap_Information_Part							6165
NUMBER	0	1	2				
CONTENT	VIDEO	STEREO	THIS OFFER IS NO LONGER VALID				
Hyperlink_Information_Part							6166
		LINK NO.	LINK DESTINATION MATERIAL ID				
		0	NE_id=1, VE_id=1				
		1	NE_id=2, VE_id=2				

FIG. 25

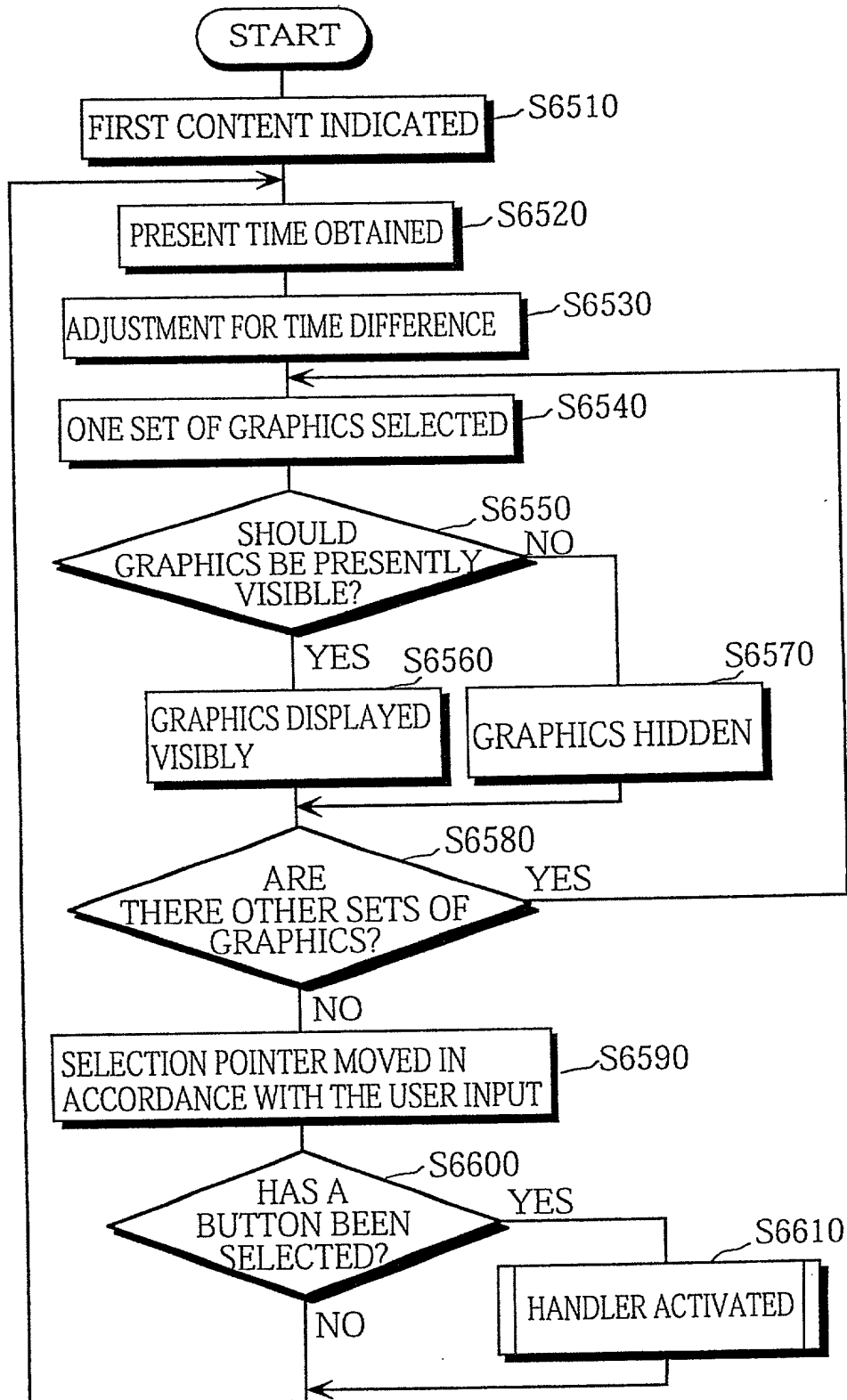


FIG. 26

	TIME	DISPLAY SCREEN
6810	1996.9.9 14 : 59 : 00	<div>MAIL ORDER</div> <div>VIDEO</div> <div>STEREO</div>
6820	1996.9.9 15 : 00 : 00	<div>THIS OFFER IS</div> <div>NO LONGER VALID</div>

FIG. 27

NE_id	0	NE START TIME	1996.9.9.14:00:00		7160		
Time_Event_Part							
		ACTIVATE TIME	HANDLER NO.			7161	
		1996.9.9.15 : 00 : 00	2				
Bytecode_Part							
		BYTECODE NO.	BYTECODE			7162	
		0	PushL0,GotoPage.				
		1	PushL1,GotoPage				
		2	PushL2,PushL1,SetGraphicVisibility, PushL0,PushL0,SetGraphicVisibility, PushL1,PushL0,SetGraphicVisibility				
Handler_Part							
		HANDLER NO.	BYTECODE NO.			7163	
		0	0				
		1	1				
		2	2				
Graphics_Property_Part							
		GRAPHICS NO.	TYPE	COORDINATES	HANDLER NO.	INITIAL STATE	7164
		0	BUTTON	(20,20)	0	Visible	
		1	BUTTON	(20,60)	1	Visible	
		2	BUTTON	(0,20)	NONE	Invisible	
Bitmap_Information_Part							
		NUMBER	0	1	2		7165
		CONTENT	VIDEO	STEREO	THIS OFFER IS NO LONGER VALID		
Hyperlink_Information_Part							
		LINK NO.	LINK DESTINATION MATERIAL ID				7166
		0	NE_id=1, VE_id=1				
		1	NE_id=2, VE_id=2				

FIG. 28

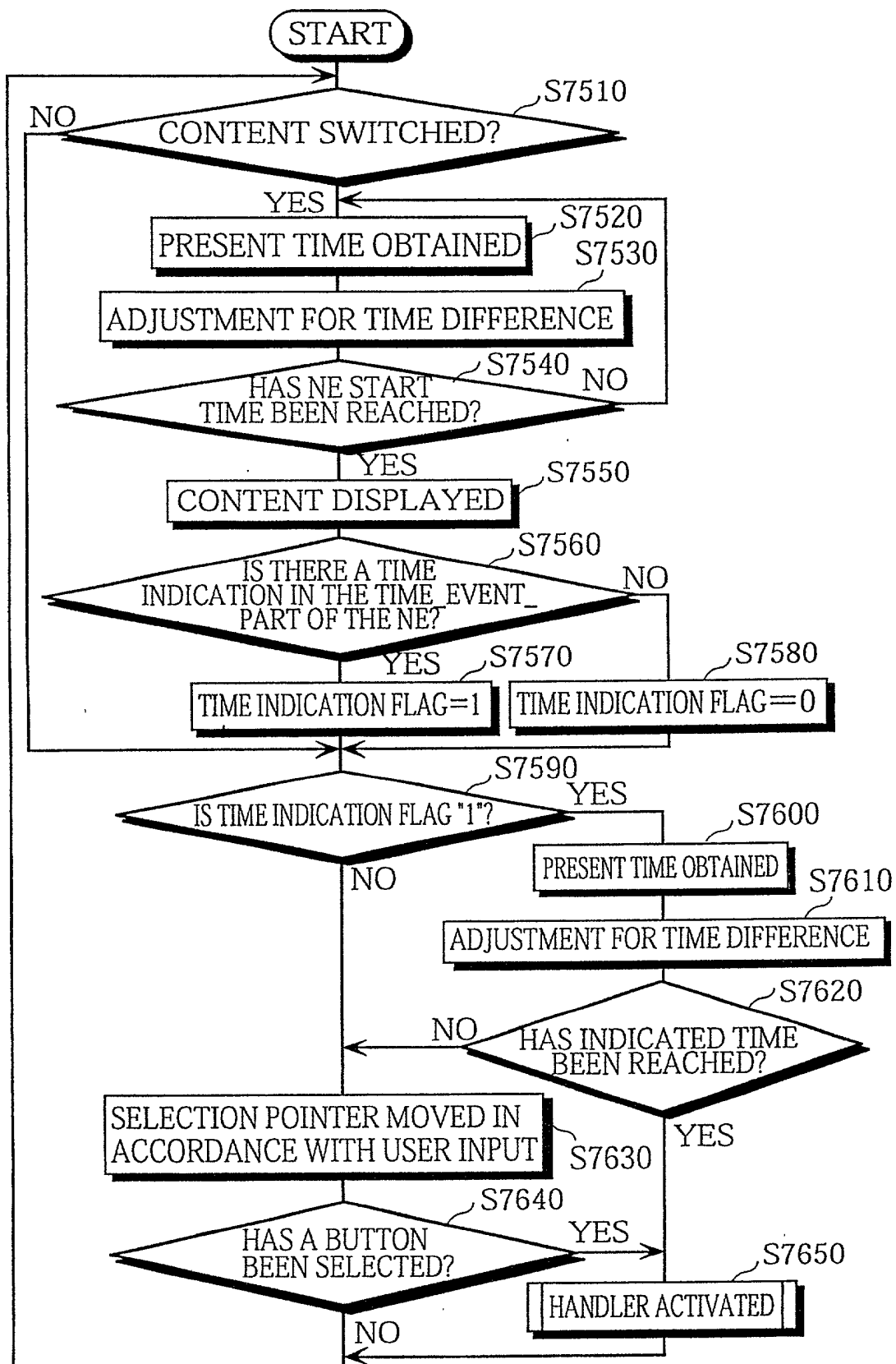


FIG. 29

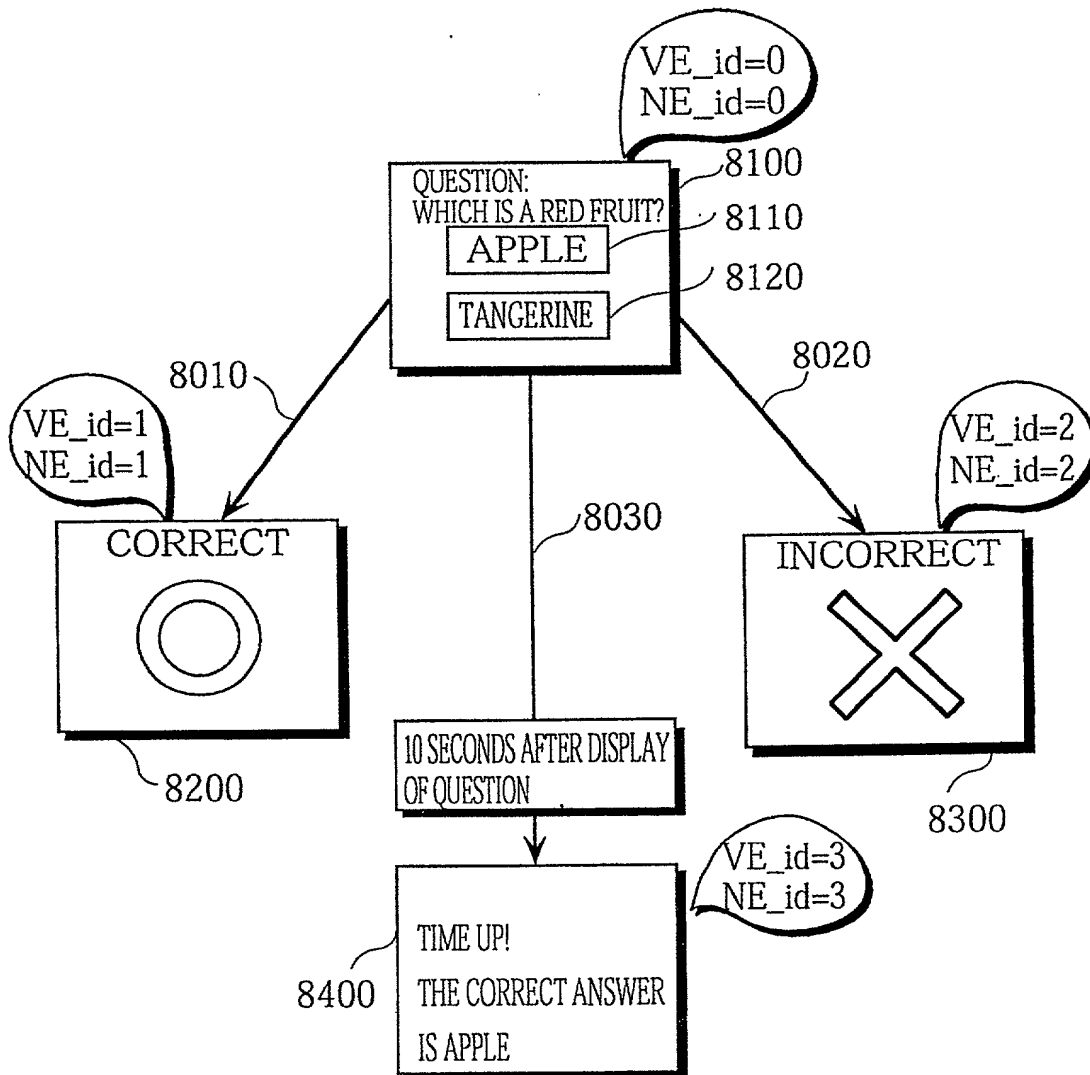


FIG. 30

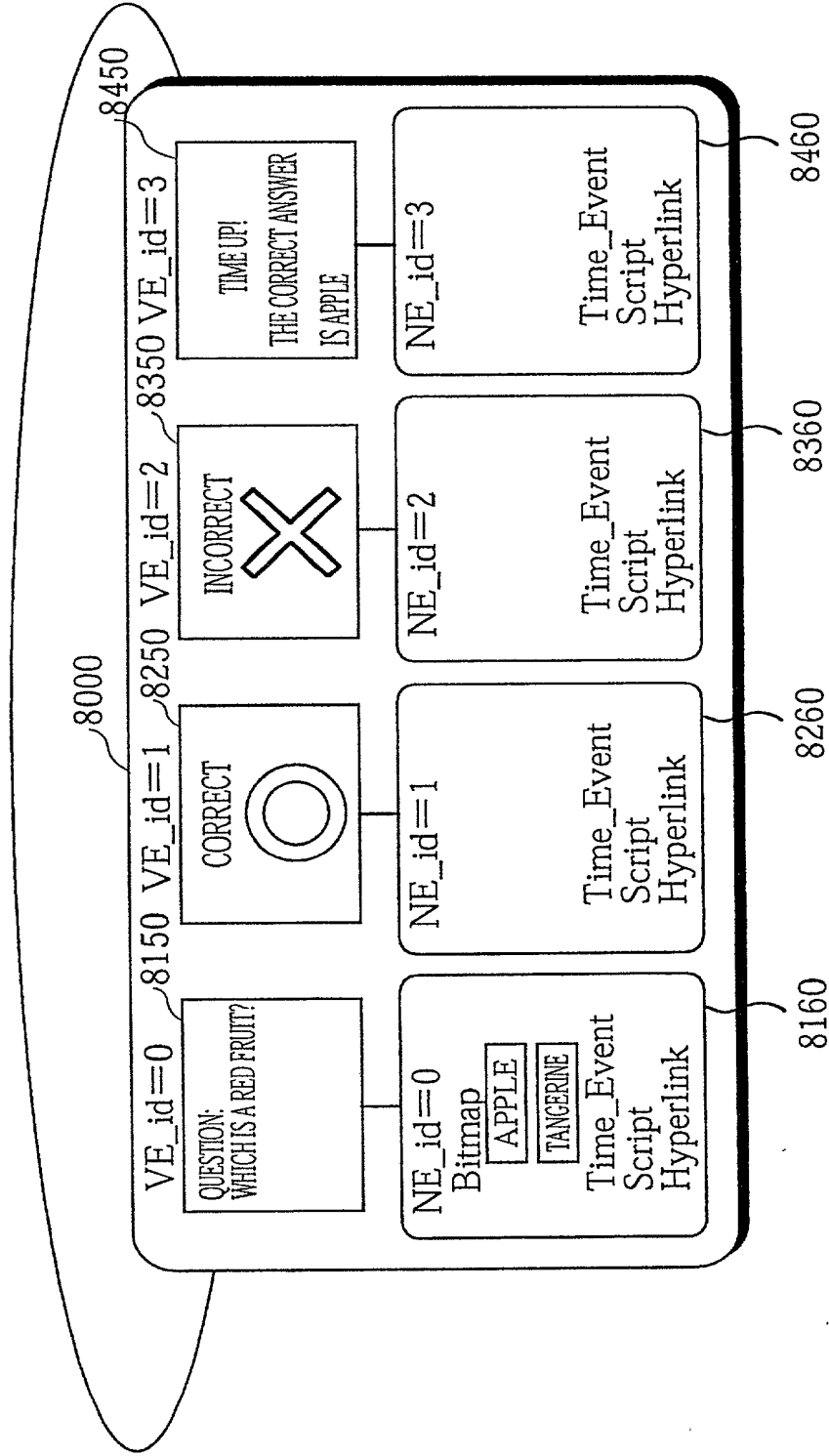


FIG. 31

NE_id	0				8160	
Time_Event_Part					8161	
		ELAPSED TIME BEFORE ACTIVATION	HANDLER NO.			
		00 : 00 : 10 : 00	2			
Bytecode_Part					8162	
		BYTECODE NO.	BYTECODE			
		0	PushL0,GotoPage			
		1	PushL1,GotoPage			
		2	PushL2,GotoPage			
Handler_Part					8163	
		HANDLER NO.	BYTECODE NO.			
		0	0			
		1	1			
		2	2			
Graphics_Property_Part					8164	
		GRAPHICS NO.	TYPE	COORDINATES	HANDLER NO.	INITIAL STATE
		0	BUTTON	(20,20)	0	Visible
		1	BUTTON	(20,60)	1	Visible
Bitmap_Information_Part					8165	
		NUMBER	0	1		
		CONTENT	APPLE	TANGERINE		
Hyperlink_Information_Part					8166	
		LINK NO.	LINK DESTINATION MATERIAL ID			
		0	NE_id=1,VE_id=1			
		1	NE_id=2,VE_id=2			
		2	NE_id=3,VE_id=3			

FIG. 32

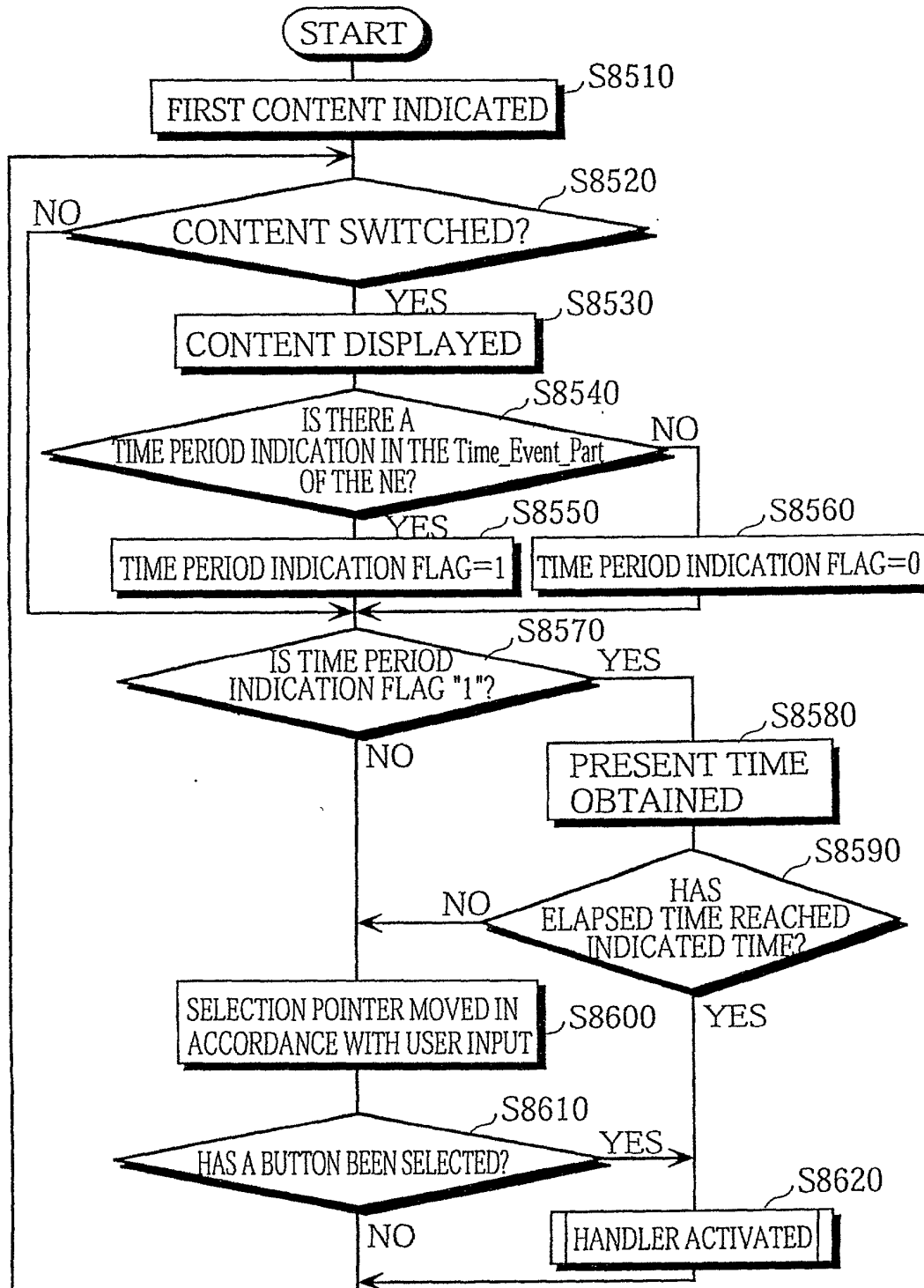


FIG. 33A

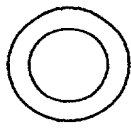
ELAPSED TIME AND OPERATION	DISPLAY SCREEN
<p>8910</p> <p>00 : 00 : 00 : 00</p>	<div data-bbox="966 504 1242 724"> <p>QUESTION: WHICH IS A RED FRUIT?</p> <div data-bbox="1015 567 1177 619">APPLE</div> <div data-bbox="1015 630 1177 682">TANGERINE</div> </div>
<p>8920</p> <p>00 : 00 : 05 : 00 "APPLE" SELECTED</p>	<div data-bbox="966 745 1242 966"> <p>CORRECT</p>  </div>

FIG. 33B

ELAPSED TIME AND OPERATION	DISPLAY SCREEN
<p>8930</p> <p>00 : 00 : 00 : 00</p>	<div data-bbox="982 1344 1258 1564"> <p>QUESTION: WHICH IS A RED FRUIT?</p> <div data-bbox="1031 1417 1193 1470">APPLE</div> <div data-bbox="1031 1480 1193 1533">TANGERINE</div> </div>
<p>8940</p> <p>00 : 00 : 10 : 00</p>	<div data-bbox="982 1596 1258 1816"> <p>TIME UP!</p> <p>THE CORRECT ANSWER IS APPLE</p> </div>

FIG. 34

DATA DISPLAY CONTROL INFORMATION EDITING APPARATUS 10000

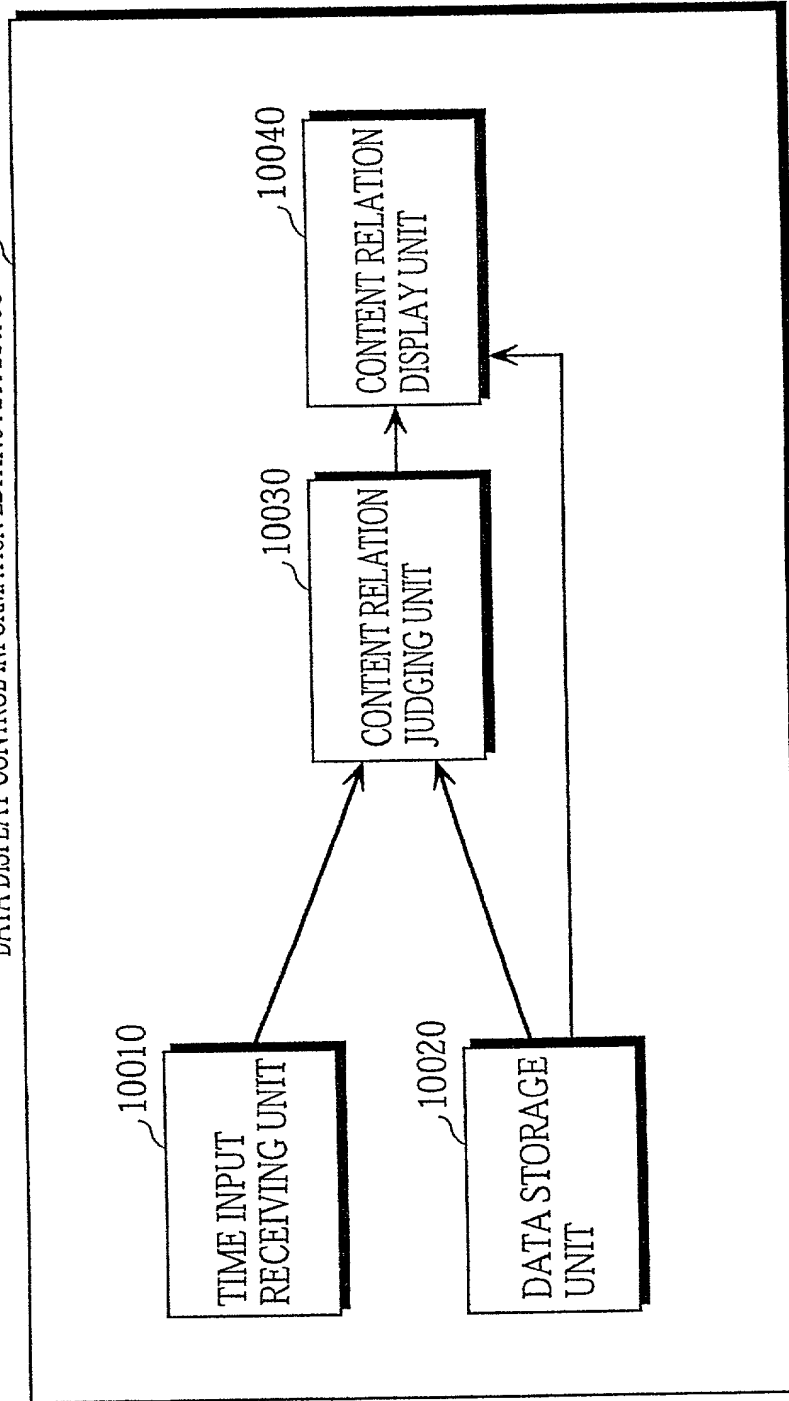


FIG. 35

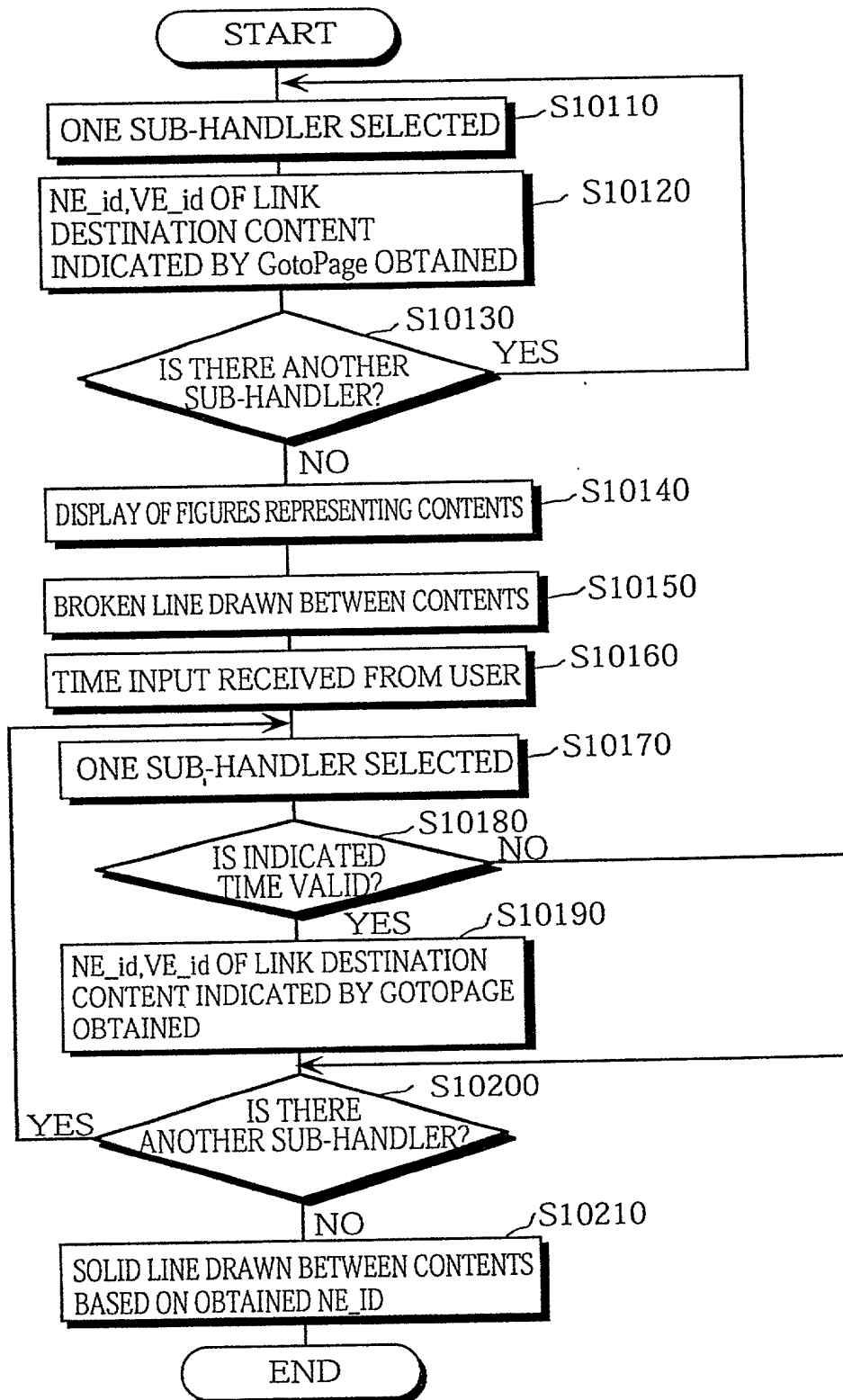


FIG. 36

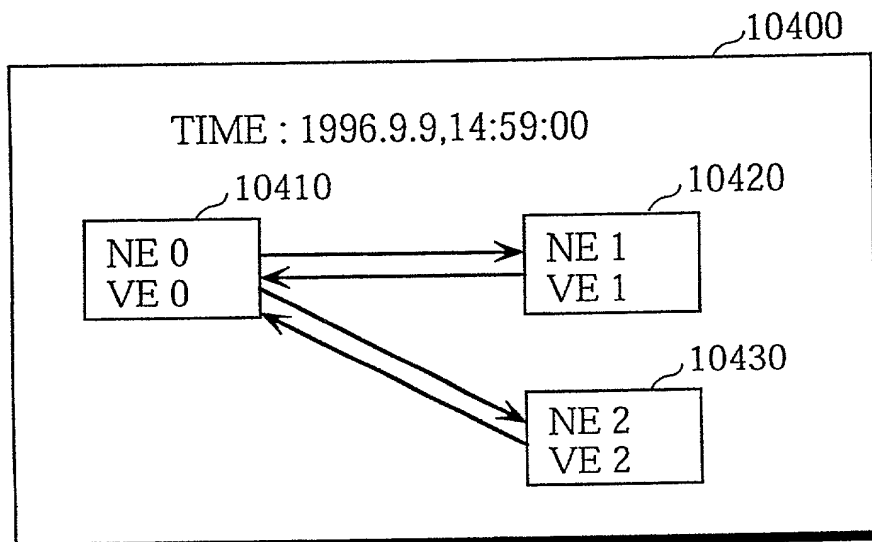
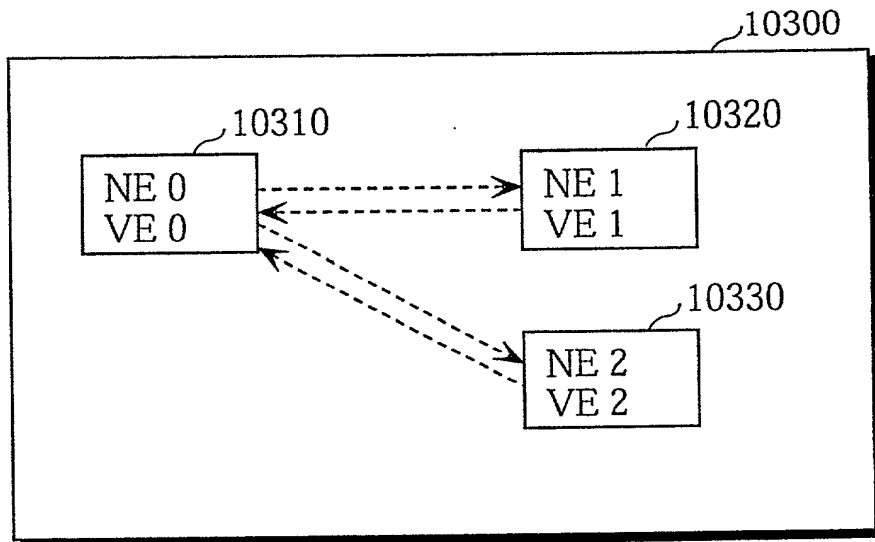


FIG. 37

DATA DISPLAY CONTROL INFORMATION EDITING APPARATUS 10500

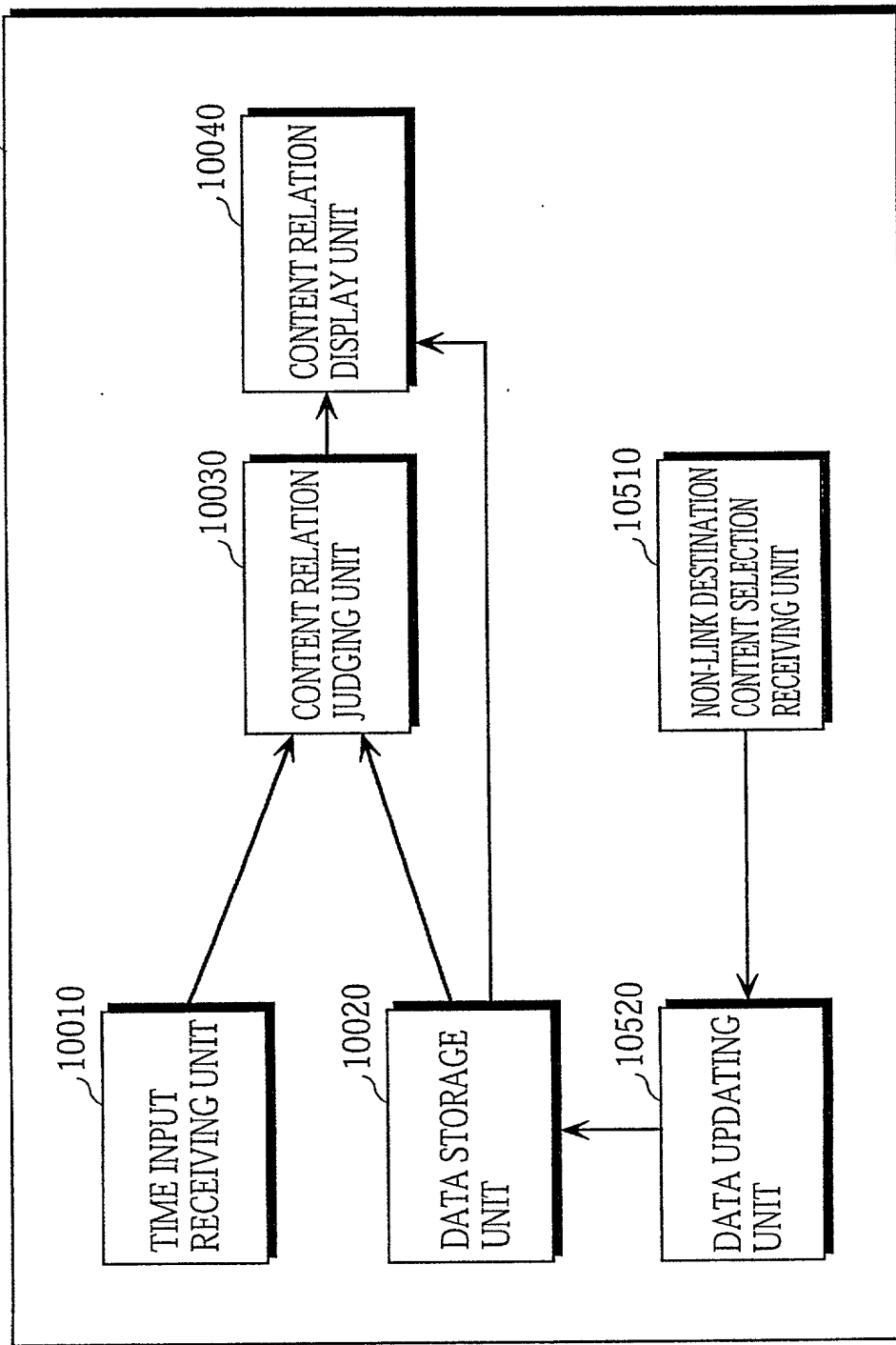
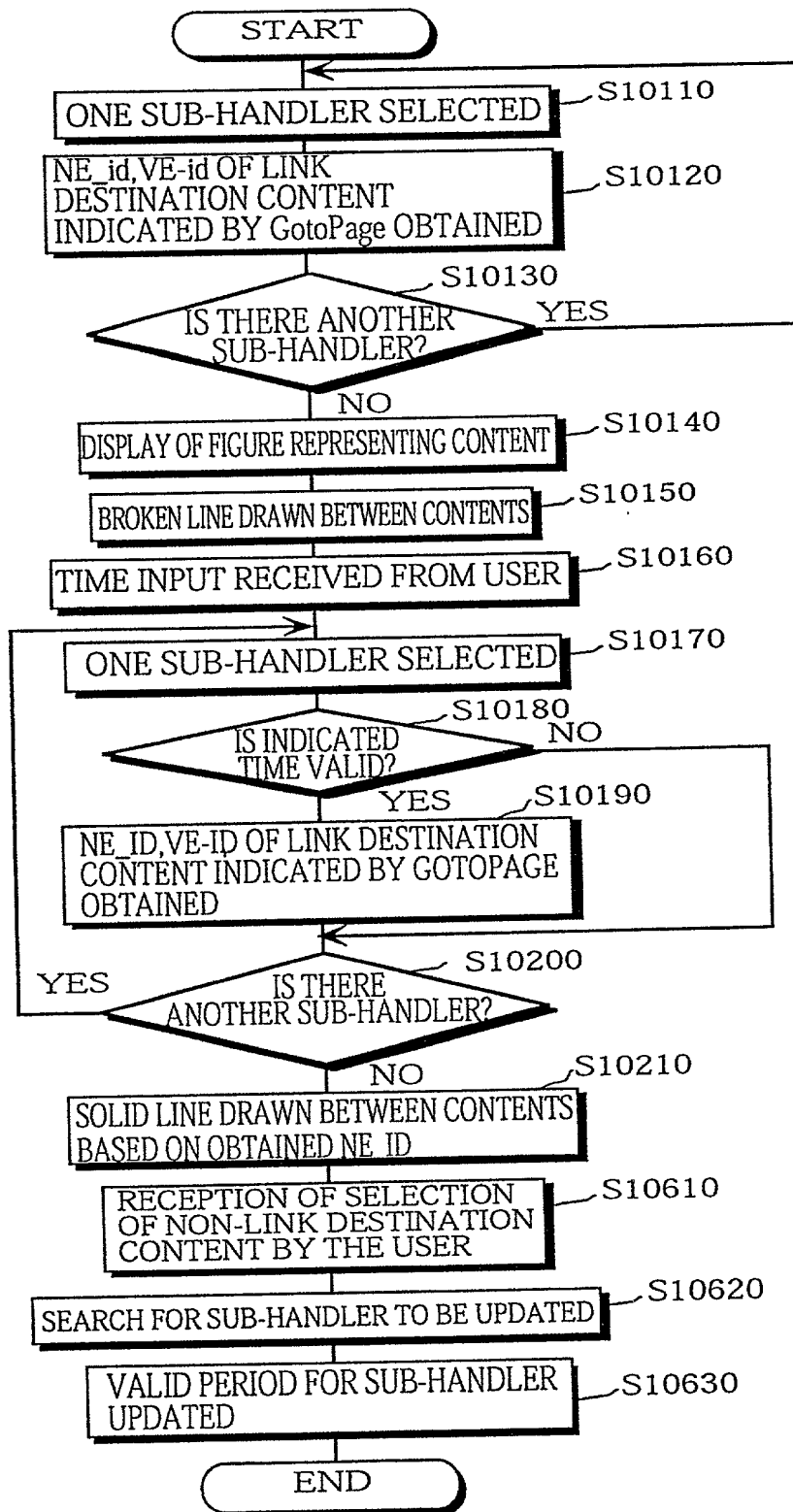


FIG. 38



COMBINED DECLARATION AND POWER OF ATTORNEY
IN ORIGINAL APPLICATION

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; that I verily believe that I am the original, first and sole inventor (if only one name is listed below) or joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought, entitled:

DATA DISPLAY CONTROL APPARATUS FOR CONTROLLING THE DISPLAY OF DATA,
A DATA TRANSMISSION APPARATUS FOR TRANSMITTING INFORMATION WHICH
IS USED TO CONTROL THE DISPLAY OF DATA, AND A DATA DISPLAY CONTROL
INFORMATION EDITING APPARATUS FOR EDITING INFORMATION USED TO
CONTROL THE DISPLAY OF DATA

the specification of which:

(check one)

☐ is attached hereto.

☒ was filed on September 11, 1997

as

Application Serial No. 08/928,010

and was amended on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56 (a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Foreign Application(s), if any, for Patent or Inventor's Certificate Filed Within 12 Months Prior to the Filing Date of This Application:

Country	Application No.	Date of Filing (Day, Month, Year)	Priority Claimed Under 35 U.S.C. 119
Japan	8-240297	11/September/1996	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
			Yes <input type="checkbox"/> No <input type="checkbox"/>
			Yes <input type="checkbox"/> No <input type="checkbox"/>
			Yes <input type="checkbox"/> No <input type="checkbox"/>
			Yes <input type="checkbox"/> No <input type="checkbox"/>
			Yes <input type="checkbox"/> No <input type="checkbox"/>

All Foreign Applications, if any, for Patent or Inventor's Certificate Filed More Than 12 Months Prior to the Filing Date of This Application:

Country	Application No.	Date of Filing

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(1) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)

(patented, pending, abandoned)